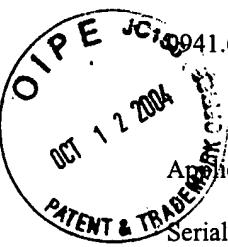


JFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jongill Hong et al.

Serial No.: 10/664,066

Conf. No.: 3251

Filed: September 16, 2003

For: MAGNETORESISTIVE SPIN...

Art Unit: 1773

Examiner: Bernatz, Kevin M.

) I hereby certify that this paper is being deposited with
) the United States Postal Service as FIRST-CLASS mail in
) an envelope addressed to: Mail Stop Amendment,
) Commissioner for Patents, P.O. Box 1450, Alexandria,
) VA 22313-1450, on this date.

October 8, 2004

Date Registration No. 37,538

F-CLASS.WCM

Appr. February 20, 1998 Attorney for Applicant

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	<u>13</u>	- <u>20</u>	= <u>0</u>	x \$18.00	= \$ <u>0.00</u>
Independent Claims	<u>2</u>	- <u>3</u>	= <u>0</u>	x \$86.00	= \$ <u>0.00</u>
Fee for Multiple Dependent Claims				\$290.00	= \$ _____
Total Additional Fee					\$ <u>0.00</u>
Small Entity Fee (reduced by half)					\$ <u>0.00</u>

(X) Amendment A.

() A check in the amount of \$ _____ is attached.

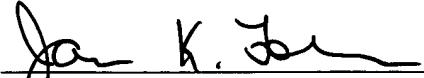
() Charge \$ _____ to Deposit Account No. 07-2069.

(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

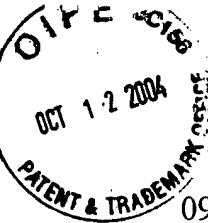
(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By: 
 James K. Folker
 Registration No. 37,538

300 South Wacker Drive -Suite 2500
 Chicago, Illinois 60606
 Telephone: (312) 360-0080
 Facsimile: (312) 360-9315
 Customer Number 24978
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0941.68363

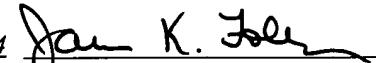
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jongill Hong et al.

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) Appr. February 20, 1998 Attorney for Applicant

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)

Filed: September 16, 2003

)

For: MAGNETORESISTIVE SPIN...

)

Art Unit: 1773

)

Examiner: Bernatz, Kevin M.

)

AMENDMENT A

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated July 8, 2004, please amend the above-
identified Application as follows: